

## Words to Review

Give an example of the vocabulary word.

Exponential function great!	Exponential growth function $y = ab^x$ $a > 0$ $b > 1$
Growth factor	Asymptote
Exponential decay function $b < 1$ $ab^x$ $y = 1x(1/2)^x$	Decay factor $1/2$ for $y = (0.5)^x$
Natural base $e$ number system	Logarithm of $y$ with base $b$
Common Logarithm	Natural logarithm
Exponential equation	Logarithmic equation

Review your notes and Chapter 7 by using the Chapter Review on pages 539–542 of your textbook.